

Curriculum Vitae

Shohreh Ghasemi , DDS, MSc, MD, PGDI, PHD (Advisory Board of Oklahoma university ,USA)

A proven servant leader in Dental public, implantology, Oral surgery, research-intensive universities in the United States and Middle East. A teaching and research-active, student and faculty-centric university administrator. A senior executive who leads high-performing teams.

2025 Honorary fellowship of international fellowship of engineering academy research (IACSE)

2025. FAES at NIH (BIOINFORMATICS, ONCOLOGY), Python for Biomedical Data Science, Cancer Biology & Therapeutics (Harvard Medical School Online),CITI Program Certifications ,ICMJE clinical trials ,Protocol Registration ,Stanford University: AI in Healthcare.

2025. Stanford University (AI in Healthcare)

2024. Python (IBM)

2024 -2025 Implant Dentistry, Hong Kong University

2024-2025 Introductions to Robotics on AWS

2023-2024 Fellowship in head and neck oncology (EACMFS)

2022-2023 MD Program in Royal college, India

2021 -2023 Master in Otolaryngology, Andorra, EU

2022-2024 Master in Aesthetic Plastic Surgery, Andorra, EU

2021-2022 Fellowship in TMJD, and Sleep Medicine, USA

2021-2023 Master (Post graduation) in Craniofacial Reconstruction in Queen Mary University of London, UK

2017-2023. PHD in Oral and Max, Manchester University, UK

ADVANCED TRAINING (RESIDENCY/FELLOWSHIPS/INSTITUTES)

2018-2020. PG Certificate of Oral surgery, UIC, Spain

2017-2018 Advanced program for international dentists, NYU, USA

2017-2018 Associate fellow of AAID, USA

2014-2016 Master of restorative dentistry, Manchester University, UK

2012-2013 Mini- Fellowship in Facial Cosmetic Surgery (Korean Cosmetic Surgery association)

2011-2012 General Education in Dentistry, Tehran Medical University, Iran

2005-2010 Bachelor of Dental surgery, UOS, UAE

2003-2005 Bachelor of Homeopathic Medicine, Berkeley, USA (Virtual ,In person)

2003-2005 Bachelor of Biomedical engineering, Azad Tehran University, Iran

2001-2003 Bachelor of Lab science and diagnostic science in Tehran Medical University, Iran

PROFESSIONAL EXPERIENCE

2025 Secretary of ADEA (Clinical Stimulation)

2025-2027 Mentor of American Women Surgeons

2025 Secretary of ADEA (Dental CE)

2023-Present Dental faculty of RCSI, UK

2024-Present Faculty (University of South Wales), UK

2024-Present. Royal college of Surgeon, Ireland

2024-Present Faculty of Rural and Humanitarian (RCSI, Ireland)

Faculty of the Centre for Rural Health, including the Rural Hospital Flexibility Program and the Small Rural Hospital Improvement Program. It's unmet rural health needs training, recruiting, and retaining health professionals for rural practice; and collecting, synthesizing, and disseminating data to inform providers, policymakers and consumers about legislation, regulation, programs, and grant opportunities to improve rural health access and outcomes.

2024-Present Advisory Board of Oklahoma University, USA

2024-Present NASA Open Duct, Ambassador (Education)

2024-Present Mentor of American women surgeon, USA

2022-2024 Lecturer Georgia School of Orthodontics, GA, USA

2022-2024 Co-Program Director of Mini Orthognathic fellowship in GSO, USA

2020-2023. Augusta University, Augusta, Georgia, Adjunct Faculty in OMFS Department and Nasa main Investigator (NIH), (Grant).

Reporting to the Provost and chair, I served as researcher for the university and a member of the President's Executive Cabinet until April 2023. In partnership with the faculty, the deans, the president, and the senior leadership team, I enhanced the academic quality in programs of instruction; fostered the development, support, and recognition University faculty; drove services and programs that promoted the success of the university's students; promoted and supported a sense of belonging; advanced processes that tied budgeting and effective resource allocation to planning efforts; and ensured the university's infrastructure supported future growth while upholding the overall academic mission, and contributed to the pursuit of academic excellence.

Examples of accomplishments (Augusta University)

- ï Co-lead of the university in research ,OMFS Department, creating a Legacy Like top ten book entitled by Innovative perspective in Oral and Maxillofacial surgery.
- ï Co-lead of the implementation of the new strategic plan, including strategic alignment of college/unit plans with publication of Navigation in oral and maxillofacial surgery
- ï Helped the university navigate the various waves of the COVID-19 pandemic

with chair of the university's committee and program director to deal with the pandemic (COVID Transitions Committee) by publications.

Proposed and led the implementation of the Faculty Inclusive Excellence Initiative, a multi-pronged effort related to the recruitment and retention of diverse faculty.

- ï Oversaw four consecutive years of enrolment growth, including an enrolment increase of 9.9% year-over-year, the fastest enrolment increases of Georgia's eight public research and comprehensive universities.

Worked in partnership with the leadership of the faculties & programs directors in Departments to develop and implement new policies related to tenure, promotion, annual evaluations, and academic administrator evaluations.

Commissioned Faculty Workload Workgroup in fall 2021-2023 to develop a new institutional framework and policy for faculty workload.

Workflow of Patent with NASA in Motion sickness in astronauts by Clinical Stimulation.

- 2013-present college. rejuvenation) Tenured Professor in Tehran Medical community Oral Hygiene, Aesthetic Medicine, Lasers & skin
- 2021-2023 Board Member of Golestan Medical and Dental University, Iran
- 2018-2019. Fellow of American association of cosmetic surgery, and oral and max surgery, Atlanta, GA.
- 2017-2018 General Dental education for foreigner trained Dentists, NYU.USA
- 2017-2018. Associate Fellow of American Association of Implant Dentistry, NYU.USA
- 2017 Voluntary Researcher in Human Biology in Dental college (NSU, FL)
- 2016 Awarded international scholar in Head and Neck surgery, Stanford University, CA, USA
- 2014 Leadership and Work force Development Award by US State Department.

At the university level, I participated and/or provided leadership in several areas, including Work force development from US State Department, Student Enrollment Management Policy Council, co- chair of the Faculty and Staff Campaign, chair of the advisory board for the undergraduate program in Medicine and Premed, and chair, Council of Deans and Awarded by President Obama.

Academic Program Leadership

- Founding Director, IFACE Academy & Care (Georgia, USA)
Developed and accredited interdisciplinary training programs in phlebotomy, facial aesthetics, and implantology, aligned with U.S. and international certification standards.
- Co-Program Director, Mini Orthognathic Fellowship, Georgia School of Orthodontics
Designed curriculum, supervised faculty recruitment, and coordinated clinical training modules.
- Curriculum Advisor, University of Sharjah & Oman Ministry of Health
Structured implantology and aesthetic surgery programs, including credentialing pathways, with international faculty recruitment and regional MOH collaboration.
- Director, AI-Powered Health Monitoring Platform (Iran, 2024–present)
Developed national diagnostic strategy integrating urinalysis, predictive analytics, and maternal/elderly health monitoring tools.

Examples of accomplishments:

Oversaw the largest one-time hire of new faculty positions in history of the Community colleges.

Under the leadership, the College set all-time records in student enrolment, the number of donors, and in research funding.

Research funding at the community college increased 35% during that time as collaborator.

Partnered with the deans of Medicine, Nursing, Allied Health Sciences, and Arts & Sciences to develop a faculty research cluster.

Professorial responsibilities included research, teaching, and service.

As the Associate Director of Research for the Community College of healthcare, I provided leadership for research activities and the graduate program. Responsibilities included development of a new graduate program in the healthcare sciences, chair of graduate student admissions, faculty research mentoring, monitoring of research activities and targets in the College's strategic plan, organized the College's annual research day, and represented the College on the Faculty of Health Professions Research Committee.

Strategic Leadership & Innovation

- Advisor to Public Policy Committee, AIAA
Advocating for the biomedical integration of space health policies and astronaut sensory rehabilitation.
- NASA Research Lead
PI on space motion sickness and vestibular system adaptation studies; developing AI tools for astronaut orientation in microgravity.
- U.S. State Department Awardee
Recognized for innovation in workforce development and minority inclusion in health sciences.

Interprofessional Education & PA/NP Engagement

- Collaborated with nursing and allied health deans to design PA-relevant modules integrating ENT, head & neck oncology, and public health.
- Led faculty workshops on interdisciplinary case-based learning (CBL), simulation, and trauma-informed practice.

Teaching Philosophy Statement

My teaching philosophy is rooted in mentorship, clinical precision, and the integration of innovation into everyday practice. I believe in nurturing not only competent clinicians, but reflective leaders capable of responding to the evolving needs of dentistry and public health. I approach teaching as a dynamic exchange, where learners are empowered to question, explore, and apply.

I combine evidence-based instruction with emerging technologies such as artificial intelligence, virtual simulation, and regenerative sciences to enrich the educational experience. With an emphasis on compassion and cultural humility, I foster inclusive environments where students feel supported in both academic rigor and personal growth. As a faculty and advisor, secretary in ADA, my goal is to shape confident, ethical, and forward-thinking dental professionals who thrive in collaborative, multidisciplinary teams.

Personal Narrative

From my earliest days in oral surgery to my recent leadership roles across Europe, the Middle East, and North America, I have always pursued dentistry as both a science and a service. My professional journey has spanned clinical excellence, academic inquiry, and global advocacy—anchored by a commitment to education and equity.

I've had the honor of teaching at institutions such as NYU, Georgia School of Orthodontics, and the Royal College of Surgeons in Ireland, while also mentoring women in surgery, contributing to NASA-funded projects, and leading humanitarian dental missions in underserved communities. I view every classroom and clinic as a platform for transformation—not only for students but for the communities they will serve.

RESEARCH

Overall Research Program Focus and Examples of Accomplishments

I have maintained an active research program for 10 years, with a focus on health policy, implantology, AI and VR in Dentistry, Head and Neck trauma, Facial cosmetic surgery, and based my google scholar is higher than 400 citations.

- Over course of research career, I have been P.I./co-P.I./Center Director on grants and a co-investigator.
- Research outputs include 50 journal articles/reports/book chapters, 20 + scientific posters, and 50 presentations at scientific/healthcare meetings.
- Co-authored a national bestselling book on oral and Maxillofacial surgery, *Take As Directed* ranked as high as the #1 healthcare book in Harvard and, Saudi Arabia, Canada (UFT).
- Co-authored a health policy brief on COVID-19 Department of OMFS that was cited and used by Authors from 2020.

Academic Breadth and Depth:

Multiple advanced degrees and fellowships in oral surgery, implantology, aesthetics, head and neck oncology, and AI in healthcare from globally respected institutions (e.g., NYU, Manchester, Stanford, UIC).

Leadership in Education and Mentorship:

Roles such as Co-Program Director, Society and Board Member, and International Chancellor demonstrate direct experience in managing academic programs and mentoring diverse cohorts.

Publication & Editorial Experience:

Editorial leadership with Springer, Bentham, and others; over 50 publications and a national bestseller highlight your commitment to scholarly excellence.

Innovative Teaching & Curriculum Development:

Designed interdisciplinary dental education modules that integrate public health, AI, and clinical excellence for dynamic, student-centred learning domestic and internationally.

Global Health & Equity Focus:

Involvement in humanitarian outreach, rural health workforce development, and oral health policy reforms reflect values central to Harvard's commitment to diversity, inclusion, and impact with Mercy ships, Global dental ambassador, American red cross, ...

Research: Proposals Submitted

- Management of Perception of self-Motion and depth of cochlear implant, (NASA Aeronautics and space administration) .2021
- Expanding STEM education through space-based Research and Work force Development (ISS National Laboratory Research Announcement) 2025

Patent (USPTO): developed an innovative dental auto shade management system, as detailed in the patent application published on May 2, 2024.

Key Features of the Auto Shade System:

- Digital 3D Representation: Captures color and texture data of a patient's tooth to create an accurate digital model.
- Precise Shade Mapping: Determines the tooth shade value at specific points, displaying the information in a graphical format for easy interpretation.
- Automated Restoration Matching: Utilizes the shade map to guide a printing machine in applying appropriate tints to laminates or crowns, ensuring seamless integration with surrounding teeth.

This system aims to enhance the accuracy and efficiency of dental restorations by reducing subjective guesswork in shade selection, leading to improved aesthetic outcomes for patients.

Beyond this innovation, it has been recognized for integrating artificial intelligence in facial reconstruction techniques, further showcasing her commitment to advancing dental and maxillofacial practices.

2021

Innovative Perspectives in Oral and Maxillofacial Surgery

Co-authored with Mark R. Stevens and Reza Tabrizi, this comprehensive text delves into advanced techniques and emerging trends in oral and maxillofacial surgery. It serves as a valuable resource for both practitioners and students aiming to enhance their knowledge in the field.

2022

Lip Augmentation (North of America in Clinics)

Published in the Journal of Craniofacial Surgery, this article discusses the objectives and techniques of lip augmentation procedures using hyaluronic acid dermal fillers. It emphasizes achieving natural and aesthetically pleasing results without overcorrection.

2023

Artificial Intelligence in Management and Prognosis of Melanoma: A Literature Review.

Prevalence of Malocclusion in Turkish Children and Adolescents: A Systematic Review and Meta-Analysis

Integrating Artificial Intelligence in Dental Education: An Urgent Call for Dedicated Postgraduate Programs.

Evaluation of Accuracy of Deep Learning and Conventional Neural Network Algorithms in Detection of Dental Implant Type Using Intraoral Radiographic Images: A Systematic Review and Meta-Analysis.
[Google Scholar](#) and [ResearchGate](#).

<https://scholar.google.com/citations?user=z6nNchYAAAAJ&hl=en>

TEACHING/LECRURER EXPERIENCE

- 2025 Guest Lecturer in Facial cosmetic Surgery, Virginia, USA
- 2025 Faculty of AMWC (Miami), Regenerative Medicine
- 2025 Guest Lecturer and International chancellor of facial cosmetic surgery based on cadaver dissection, UOS (UAE) partnership with High Med Academy

2024-2025 International Co ordinator, (Advanced post graduate Research in UOS in UAE(Dr.Wafa), and USA by President Neil.J. Mackinnon in Public health .

Lectures & presentations

- 2025 Vice President of American Society of Gene and Stem cell Therapy, New Orleans, USA
- 2025 Faculty in Canadian Board of aesthetic Medicine, Vancouver, Canada
- 2025 Lecturer in Face Summit Conference, Cairo, Egypt
- 2025 ACPA Retreat Nominee, California, USA
- 2025 Lecturer and international chancellor in Ministry of Health in Oman, Implantology
- 2025 Faculty in AMWC, Miami, USA
- 2025 Faculty in Vegas Cosmetic Surgery, LV, USA
- 2025 Faculty in Aesthetic show, LV, USA
- 2024-2025 International Vice Chancellor in MOH, Implantology, Oman
- 2025 Speaker in Cairo Face Summit, Egypt
- 2022-2024 Lecturer of Georgia School of Orthodontics, GA, USA
- 2022-2024 Lecturer in IFACE Academy, USA (Turkey)
- 2024 Lecturer and awarded in Fellowship in Baku Rhinoplasty Symposium
- 2024 Lecturer in National association of oral and Maxillofacial Surgery, Saudi Arabia (Nominee Award)
- 2024 Lecturer in head and neck trauma, Prague, AOCMF 2024
- 2024 Awarded fellowship, the best Lecturer in Baku Rhinoplasty Symposium
- 2024 Lecturer in AI in healthcare management, SAAS 24, New Orleans
- 2024 Guest lecturer for **Biodenta**™ Implant Company, China
- 2024 Guest Lecturer in AFCOMS, Africa
- 2024 Faculty in AMWC, China
- 2024 Lecturer in ICDS, Paris
- 2024 Guest Lecturer in ACSTM, Dubai, UAE
- 2023 Lecturer for resident in AAOMS, Washington DC, USA
- 2022-2024 Course Coordinator, IFACE ACADEMY, USA
- 2022-2023 International chancellor of IFACE ACADEMY, USA
- 2022 Guest lecturer for AAOMS, USA
- 2022 Guest lecturer for ICDS, France
- 2022 Guest Lecturer for Head and neck Trauma, UK
- 2022 Lecturer in Iranian Association of Oral and Max

Membership /LEADERSHIP EXPERIENCE

- 2025 Executive member of IAOMS
- 2025 Executive Member of AAOMS

2024	Executive member of EACMFS
2025	ASLMS American Dental association
2025	Royal college of physicians, UK
2025	Royal college of surgery, Ireland
2025	American Women Surgeons
2025	American Society of Gene and Stem cell Therapy
2025	American society of Aesthetic Medicine

Editorial Board

Minimally Invasive Rhinoplasty, Springer (In Press)

Editor-in-Chief: Office-Based Facial Cosmetic Surgery, Springer (In Press)

Editor-in-Chief: Innovative Perspectives in Oral and Maxillofacial Surgery (2022-2023) – Recognized among the top seven books in oral surgery and featured in CNN and BBC

Editor-In-Chief: Impact of oral health in Skin. Bentham Publisher, (In Press)

Editor: Navigation in Oral and Maxillofacial Surgery (Springer, 2022)

Editor: Neurotoxin in Facial Proportion, Vol. 1 & 2 (Mercedes Dent Publisher)

Editorial Board Member: Current Dentistry Journal (Bentham Science)

Editorial Board Member: American women Surgeons (American Journal of Surgery)

Editorial Board Member: Acta Scientific Journal

Reviewer

British Journal of Oral & Maxillofacial Surgery (Trauma)

Journal of Dentistry & Oral Epidemiology

International Journal of Clinical Oral & Maxillofacial Surgery

Journal of Pharmaceutical Research International

Open Veterinary Journal

Frontiers

Journal of Vaccines (MDPI)

Otolaryngology Research & Reports

The Cereus Journal of Medical Science (Review Team)

Springer Nature Review Team

American Journal of Surgery

Reviewer for ADEA (American Dental Education Association)

Reviewer for the American Women Surgeons Research Forum

Reviewer for JAG proposals for NIH (Vaccine and infection Diseases)

Extensive contributions as a scientific reviewer reinforce her global influence in oral and maxillofacial surgery, implantology, and aesthetic medicine.

Humanitarian & Global Health Initiatives

Global Dental Ambassador

Advocate for international oral health initiatives, interdisciplinary collaboration, and surgical outreach programs.

Paediatric Craniofacial Reconstruction & Care – Zambia (2025)

Provided specialized dental and surgical care for paediatric patients with craniofacial anomalies.

Worked alongside local healthcare teams to enhance capacity-building and improve access to reconstructive surgery.

Oral Health & Public Healthcare – Morocco (2026)/Nepal (2026)

Led public health initiatives focusing on oral disease prevention, community education, and improved access to dental care.

Collaborated with local healthcare professionals and organizations to develop sustainable oral health programs.

Member of Mercy ships, American red cross, ,....